

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/011512

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl⁷ B41M5/38

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ B41M5/38

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

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Kokai Jitsuyo Shinan Koho	1971-2004	Jitsuyo Shinan Toroku Koho	1996-2004

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	JP 2002-200851 A (Ricoh Co., Ltd.), 16 July, 2002 (16.07.02), Full text (Family: none)	1-7, 12-14 8-11
X A	JP 2002-166660 A (Ricoh Co., Ltd.), 11 June, 2002 (11.06.02), Full text (Family: none)	1-7, 12-14 8-11
X A	JP 2001-39043 A (Ricoh Co., Ltd.), 13 February, 2001 (13.02.01), Full text & US 6372689 B1	1-7, 12-14 8-11

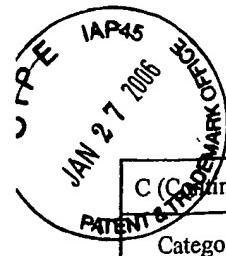
 Further documents are listed in the continuation of Box C. See patent family annex.

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- "A" document defining the general state of the art which is not considered to be of particular relevance
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Date of the actual completion of the international search
29 October, 2004 (29.10.04)Date of mailing of the international search report
22 November, 2004 (22.11.04)Name and mailing address of the ISA/
Japanese Patent Office

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP 2001-138641 A (Ricoh Co., Ltd.), 22 May, 2001 (22.05.01), Full text (Family: none)	1-7, 12-14 8-11
X	JP 6-143848 A (Mitsubishi Paper Mills Ltd.), 24 May, 1994 (24.05.94), Full text (Family: none)	1-7, 12-14 8-11
X	JP 6-227159 A (Mitsubishi Paper Mills Ltd.), 16 August, 1994 (16.08.94), Full text (Family: none)	1-7, 12-14 8-11
X	JP 8-80685 A (Mitsubishi Paper Mills Ltd.), 26 March, 1996 (26.03.96), Full text (Family: none)	1-7, 12-14 8-11
X	JP 9-99651 A (Dainippon Printing Co., Ltd.), 15 April, 1997 (15.04.97), Full text; all drawings (Family: none)	1-7, 12-14 8-11
X	JP 2002-103826 A (Dainippon Printing Co., Ltd.), 09 April, 2002 (09.04.02), Full text; all drawings (Family: none)	1-7, 12-14 8-11
X	JP 4-275194 A (Oji Paper Co., Ltd.), 30 September, 1992 (30.09.92), Full text (Family: none)	1-7, 12-14 8-11
X	JP 5-169845 A (Kanzaki Paper Mfg. Co., Ltd.), 09 July, 1993 (09.07.93), Full text (Family: none)	1-7, 12-14 8-11